## D3005 Bachelor of Education (Honours) and Bachelor of Science

**Science – Mathematics (Major) and Environmental Earth Science (Minor); Teaching Specialisations – Mathematics and General Science**

| | Bachelor of Education (Honours) | | Bachelor of Science | | | |
|---|---|---|---|---|---|---|
| **YEAR 1** Sem 1 | EDF1058 Learn to learn, learn to teach | SCI1000 Science communication to influence change | MTH1030 Techniques for modelling | EAE1011 The Earth system: From the course to the atmosphere | | |
| **YEAR 1** Sem 2 | EDF1059 Fostering classroom culture | Science elective Level 1 | MTH1110 Foundations of mathematics | EAE1022 The Earth system: Changing environments and climates | EDF1083 Secondary professional experience 1A 10 days | |
| **YEAR 2** Sem 1 | EDF2088 Planning and assessing for teaching and learning | EDF2097 Adolescent development and learning | MTH2021 Linea algebra with applications | EAE2111 Introduction to climate science | Science elective Level 2 or 3 | |
| **YEAR 2** Sem 2 | EDF2099 Inclusive education: Teaching learners with diverse disabilities | EDF2079 Educational technologies | MTH2010 Multivariable calculus | EAE2322 Soil, water and vegetation | Science elective Level 2 or 3 | EDF2086 Secondary professional experience 2C 10 days |
| **YEAR 3** Sem 1 | EDF3065 Reconciliation, respect and recognition: Indigenous Australian education | EDF3062 Creative and critical teaching | MTH3140 Real analysis | MTH3110 Differential geometry | EDF3084 Secondary professional experience 3B 10 days | |
| **YEAR 3** Sem 2 | EDF3064 Transition to the profession | Elective MIG, RED, Volunteering or approved unit at level 2 or 3 | MTH3170 Network mathematics | MTH3160 Metric spaces, Banach spaces, Hilbert spaces | EDF3089 Secondary professional experience 3C 10 days | |
| **YEAR 4** Sem1 | EDF4067 Evidence into action | EDF4062 Emerging technologies and innovative practices in education | EDF5161 Mathematics education in the secondary years A | EDF5137 Science in secondary years A | EDF4083 Secondary professional experience 4B 20 days | |
| **YEAR 4** Sem 2 | EDF4068 Teaching performance assessment (TPA) | EDF4099 Developing literacy and numeracy | EDF5162 Mathematics education in the secondary years B | EDF5138 Science in secondary years B | EDF4087 Secondary professional experience 4C 20 days | |

This is a conceptual outline only. Every effort has been made to ensure that the information provided is correct at the time of publication.